

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121322\
 Data File : WV029664.D
 Acq On : 13 Dec 2022 20:20
 Operator : SY/MD
 Sample : N5950-06MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EYF51MS

Quant Time: Dec 13 22:54:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 22:49:59 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	401656	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	370347	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	214509	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	125910	51.192	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 102.380%	
7) Chloroethane-d5	1.561	69	100371	53.517	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 107.040%	
11) 1,1-Dichloroethene-d2	2.105	63	206876	53.926	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.860%	
21) 2-Butanone-d5	3.873	46	158178	105.424	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 105.420%	
24) Chloroform-d	4.339	84	227966	49.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 98.500%	
26) 1,2-Dichloroethane-d4	5.024	65	131402	49.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 99.420%	
32) Benzene-d6	5.043	84	475973	48.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 97.280%	
36) 1,2-Dichloropropane-d6	6.063	67	143209	47.910	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 95.820%	
41) Toluene-d8	7.307	98	439668	47.684	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 95.360%	
43) trans-1,3-Dichloroprop...	7.613	79	61346	40.643	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 81.280%	
47) 2-Hexanone-d5	8.082	63	133181	104.339	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 104.340%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	211923	49.614	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 99.220%	
66) 1,2-Dichlorobenzene-d4	11.612	152	186317	45.628	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 91.260%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	137609	43.495	ug/L	100
3) Chloromethane	1.240	50	156122	43.281	ug/L	100
5) Vinyl chloride	1.311	62	147251	48.791	ug/L	98
6) Bromomethane	1.516	94	68887	56.727	ug/L	99
8) Chloroethane	1.581	64	86771	51.634	ug/L	100
9) Trichlorofluoromethane	1.751	101	179014	47.382	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	103917	49.500	ug/L	98
12) 1,1-Dichloroethene	2.114	96	103734	48.317	ug/L	84
13) Acetone	2.159	43	92118	94.245	ug/L	100
14) Carbon disulfide	2.291	76	302055	42.273	ug/L	99
15) Methyl Acetate	2.426	43	107358	48.209	ug/L	95
16) Methylene chloride	2.500	84	123250	46.171	ug/L	96
17) trans-1,2-Dichloroethene	2.754	96	113849	46.022	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	346172	45.674	ug/L	99
19) 1,1-Dichloroethane	3.182	63	200241	47.250	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	124405	45.734	ug/L	94
22) 2-Butanone	3.957	43	149818	96.329	ug/L	97
23) Bromochloromethane	4.240	128	64818	46.275	ug/L	90
25) Chloroform	4.365	83	207255	47.173	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	148939	47.989	ug/L	99
29) Cyclohexane	4.671	56	174070	43.389	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	178081	44.135	ug/L	99
31) Carbon tetrachloride	4.822	117	153072	43.443	ug/L	100
33) Benzene	5.092	78	479529	45.936	ug/L	100
34) Trichloroethene	5.908	95	117737	45.009	ug/L	98
35) Methylcyclohexane	6.124	83	197269	44.402	ug/L	99
37) 1,2-Dichloropropane	6.166	63	117121	46.485	ug/L	100
38) Bromodichloromethane	6.500	83	155101	44.593	ug/L	97
39) cis-1,3-Dichloropropene	7.021	75	160520	38.738	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	297638	99.079	ug/L	96
42) Toluene	7.381	91	506588	45.087	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	157843	40.224	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	120059	46.123	ug/L	98
46) Tetrachloroethene	7.966	164	95927	45.612	ug/L	97
48) 2-Hexanone	8.133	43	229995	100.211	ug/L	95
49) Dibromochloromethane	8.236	129	126419	43.989	ug/L	99
50) 1,2-Dibromoethane	8.342	107	118281	44.107	ug/L	98
51) Chlorobenzene	8.873	112	328954	46.235	ug/L	99
52) Ethylbenzene	9.002	91	535586	45.339	ug/L	100
53) m,p-Xylene	9.130	106	210177	44.954	ug/L	100
54) o-Xylene	9.535	106	207216	44.806	ug/L	100
55) Styrene	9.551	104	376970	46.905	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	195470	46.945	ug/L	99
59) Bromoform	9.722	173	93049	39.268	ug/L	100
60) Isopropylbenzene	9.921	105	543462	43.152	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	149307	45.093	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	467331	41.968	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	471582	42.723	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	266361	43.255	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	274106	43.799	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	276098	43.846	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	40442	39.298	ug/L	98
69) 1,3,5-Trichlorobenzene	12.632	180	208517	42.550	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	185377	42.540	ug/L	100
71) Naphthalene	13.490	128	432609	43.766	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	186526	43.701	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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